



## Video and Audio Combiner

## VA-11

The Kramer VA-11 is a video and audio stereo combiner designed to allow composite video and audio stereo to share one ordinary coax cable. It operates in conjunction with the VA-12 (see page 6.6) separator. The VA-11 maintains the bandwidth of an industrial color video signal, and the output signal may be viewed and

recorded as a normal video signal even without using the VA-12 separator. However, by using the two together as a system, the audio stereo signal is recovered. The VA-11 can be rack mounted using the RK-50RN kit, which holds two units in one vertical rack space.



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ACCESSORIES

### TECHNICAL SPECIFICATIONS

|                         |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>INPUTS:</b>          | 1 composite video, 1 Vpp / 75 $\Omega$ on a BNC type connector.<br>1 audio stereo, 1 Vpp / 10k $\Omega$ on RCAs. |
| <b>OUTPUTS:</b>         | 1 mixed signal 1 Vpp / 75 $\Omega$ on a BNC.                                                                     |
| <b>VIDEO S/N RATIO:</b> | 72 dB.                                                                                                           |
| <b>DIFF. GAIN:</b>      | 0.4 %.                                                                                                           |
| <b>DIFF. PHASE:</b>     | 0.17 Deg.                                                                                                        |
| <b>BANDWIDTH:</b>       | 7 MHz. -3 dB.                                                                                                    |
| <b>DIMENSIONS:</b>      | 16.5cm x 12cm x 4.5cm (6.5" x 4.7" x 1.7"), W, D, H.                                                             |
| <b>POWER SOURCE:</b>    | 230 VAC, 50/60 Hz (115VAC, U.S.A.) 4.1 VA.                                                                       |
| <b>WEIGHT:</b>          | 0.78 kg. (1.7 lbs.) approx.                                                                                      |
| <b>ACCESSORIES:</b>     | Power cord.                                                                                                      |
| <b>OPTIONS:</b>         | 19" rack adapter RK-50RN (see page 6.23 for details).                                                            |

### TYPICAL APPLICATIONS

- Using video-only switchers and DA's for routing of video and audio stereo.
- Using existing video coax wiring for video and audio transmission.
- Simplification of security and CCTV installations.
- Simple and quick studio wiring.

WEB: [www.kramerelectronics.com](http://www.kramerelectronics.com)

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